DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Caltrans Metric

REGISTERED CIVIL ENGINEER

July 1, 1999
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Ellis K. Hirst — No. C17926 — Exp. 6-30-01 — CIVIL — STATE OF CALIFORNIA

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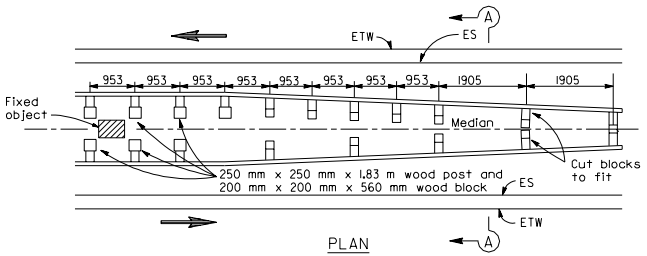
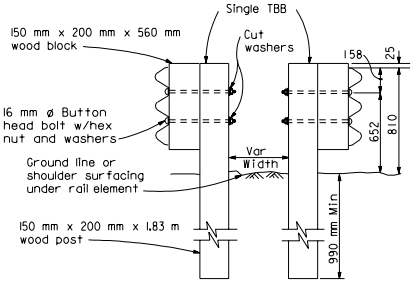


PLAN

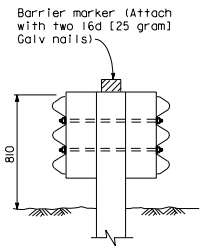
THRIE BEAM BARRIER AT FIXED OBJECTS

(Wood post and block shown)
For a series of fixed objects (bridge, columns, overhead sign supports, etc.) additional 250 mm x 250 mm x 1.83 DF posts with 200 mm x 200 mm x 560 DF blocks at 953 mm center to center are to be used between fixed objects.
See Notes 1 and 2.



SECTION A-A

Wood post with wood block shown
See Note 3

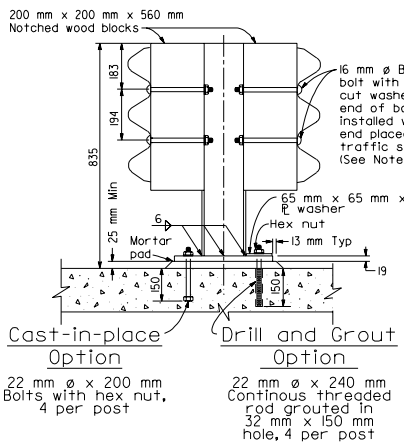


THRIE BEAM BARRIER DELINEATION

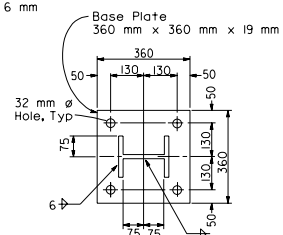
See Note 5

NOTES

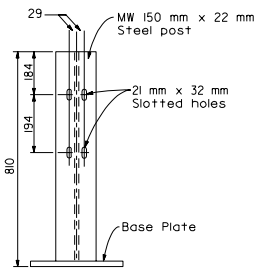
1. For a typical steel post and wood block thrie beam barrier installation, use MW 150 mm x 22 mm x 2 m steel post with 200 mm x 200 mm notched wood blocks in place of the 250 mm x 250 mm 1.83 wood post with 200 mm x 200 mm x 560 mm wood blocks shown at 953 mm center to center spacing.
2. Where a minimum clearance of 900 mm can be obtained between the face of the thrie beam railing and the face of the fixed object, use 150 mm x 200 m x 1.83 m post with 150 mm x 200 mm x 560 mm blocks in place of the 250 mm x 250 mm x 1.83 m post with 200 mm x 200 mm x 560 mm blocks shown and use the typical 1905 mm center to center spacing for all posts.
3. See Standard Plan A78B for steel post with notched wood block construction details.
4. Attach rail element to wood block and steel post with 2 bolts on approaching traffic side of block and post web. For wood block details, see Standard Plan A78C.
5. Median barrier delineation to be used when required by the special provisions. Spacing of barrier markers to match spacing of raised pavement markers on adjacent median edgeline pavement delineation.
6. Direction of traffic indicated by →



ELEVATION



BRIDGE POST BASE PLATE PLAN



BRIDGE POST DETAILS

DOUBLE THRIE BEAM BARRIER ON BRIDGE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

THRIE BEAM BARRIER MISCELLANEOUS DETAILS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

A78D